



## **CITY OF LODI COUNCIL COMMUNICATION**

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**AGENDA TITLE:** Killelea Substation Tour and Update (EUD)

**MEETING DATE:** December 18, 2007

**PREPARED BY:** Electric Utility Director

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**RECOMMENDED ACTION:** No action needed.

**BACKGROUND INFORMATION:** The Electric Utility Department (EUD) is in the process of rehabilitating its Killelea Substation located at the intersection of Cherokee and Locust Streets. A contract (\$2,921,801) has been awarded by the City Council to Rosendin Electric, Inc. of San Jose, CA who is serving as General Contractor for the project.

Killelea Substation was the first EUD substation having been built in early 1960's. The planned life of an electrical substation is 30 to 40 years with the need for rehabilitation becoming apparent when maintenance/repair parts were no longer available for key substation components.

The total project cost estimate is approximately \$4.6 million. In addition to the Rosendin Electric contract, other major cost elements include engineering/design (\$346,000), the 15 kilovolt switchgear and control building (\$699,297), adjacent property acquisition (\$200,000), new remote terminal unit (\$60,000) and substation testing/commissioning (\$150,000).

Demolition/construction work began in earnest in October, 2007 at which time it was feasible to completely de-energize the substation following high summer electrical loads. It is critical that all rehabilitation work be completed prior to next summer and the project's timetable provides for such a result.

Tasks completed to date include acquisition/demolition of home at 543 East Locust Street, demolition of substation exterior wall, establishment of 24 hour security with perimeter alarms and fencing, demolition and removal of Control Building, sampling and removal of contaminated soil, delivery of Remote Terminal Unit (RTU), award for Indoor Metal Clad Switchgear completed with shipment planned by February 8, and installation of on-site storm drains and oil/sediment traps.

**FISCAL IMPACT:** Total project cost is approximately \$4.6 million.

**FUNDING:** Not applicable.

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George F. Morrow  
Electric Utility Director

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**APPROVED:** \_\_\_\_\_  
Blair King, City Manager